COMMONWEALTH OF KENTUCKY

BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

RATE ADJUSTMENT OF WESTERN KENTUCKY CASE NO. 8227 GAS COMPANY

ORDER

IT IS ORDERED that Western Kentucky Gas Company shall file an original and five copies of the following information with the Commission, with a copy to all parties of record, by June 10, 1981. Each copy of the data requested should be placed in a bound volume with each item tabbed. Where a number of sheets are required for an item, each sheet should be appropriately indexed, for example, Item 1(a), Sheet 2 of 6. Careful attention should be given to copied material to insure that it is legible. For an applicant operating exclusively in Kentucky, the terms total company and Kentucky have identical meanings. Therefore, such an applicant should only provide one set of figures where both terms are used.

Staff Request No. 1

- 1. a. In comparative form, a total company income statement, a statement of changes in financial position, and a balance sheet for the test year and the twelvemonth period immediately preceding the test year.
 - b. A detailed statement (show net income) for the applicant's Kentucky gas operations for the test year.

- 2. a. A calculation of total company average (thirteen month) and end-of-period debt, preference and preferred stock, and common equity capital for the test year in the format as shown in Format 2a to this request.
 - b. A calculation of the average (thirteen month) and end-of-period long-term debt composite interest and preferred stock costs for the twelve months of the test year. Supporting details underlying calculations should be provided. (The average long-term debt composite interest cost is calculated by dividing the sum of book interest accrued on long-term debt and related amortization of discount, premium, and issuance cost by average long-term debt as calculated in Format 2a, column c, line 15).
- 3. List each general office account (asset, reserve, and expense accounts) covering the twelve months of the test year. If any amounts were allocated, provide a calculation of the factor used to allocate each amount.
- 4. The following monthly account balances and a calculation of the average (thirteen month) account balances for the test year for total company and Kentucky:
 - a. Plant in service (Account 101)
 - b. Plant purchased or sold (Account 102)

- c. Property held for future use (Account 105)
- d. Construction work in progress (Account 107)
- e. Completed construction not classified (Account 106)
- f. Depreciation reserve (Account 108)
- g. Plant acquisition adjustment (Account 114)
- h. Amortization of utility plant acquisition adjustment (Account 115)
- i. Materials and supplies (include all accounts and subaccounts)
- j. Balance in accounts payable applicable to each account in above. (If actual is indeterminable, give reasonable estimate)
- k. Unamortized investment credit Pre-Revenue Act of 1971
- 1. Unamortized investment credit Revenue Act of 1971
- m. Accumulated deferred income taxes
- n. Computation and development of minimum cash requirements
- o. Balance in accounts payable applicable to amounts included in utility plant in service (If actual is indeterminable, give reasonable estimate)
- p. Balance in accounts payable applicable to amounts included in plant under construction (If actual is indeterminable, give reasonable estimate)
- q. Short-term borrowing
- r. Interest on short-term borrowings (expense)
- 5. Provide the following information for each item of gas property held for future use at the end of the test year:

- a. Description of property
- b. Location
- c. Date purchased
- d. Cost
- e. Estimated date to be placed in service
- f. Brief description of intended use
- 6. Schedules in comparative form showing by months for the test year and the year preceding the test year the total company balance in each gas plant and reserve account or subaccount included in the applicant's chart of accounts as shown in Format 6.
- of utility plant acquired as an operating unit or system by purchase, merger, consolidation, liquidation, or otherwise since the end of the test period in the last rate case. Also, a schedule showing the calculation of the acquisition adjustment at the date of purchase of each item of gas plant, the amortization period, and the unamortized balance at the end of the test year.
- 8. The detailed workpapers showing calculations supporting all accounting, pro forma, end-of-period, and proposed rate adjustments in the rate application to revenue, expense, investment and reserve accounts for the test year and a complete detailed narrative explanation of each adjustment including the reason why each adjustment is required. Explain all components used in each

calculation. Index each calculation to the accounting, pro forma, end-of-period, and proposed rate adjustment which it supports.

- 9. A schedule showing a comparison by month the total company and Kentucky revenue accounts for each month of the test year to the same month of the preceding year for each revenue account or subaccount included in the applicant's chart of accounts. Include appropriate footnotes to show the month each rate increase was granted and the month the full increase was recorded in the accounts. See Format 6.
- 10. a. A schedule showing a comparison of the balance in the total company and Kentucky operating expense accounts for each month of the test year to the same month of the preceding year for each account or subaccount included in the applicant's chart of accounts. See Format 6.
 - b. A schedule in comparative form showing the total company and Kentucky operating expense account balance for the test year and each of the five years preceding the test year for each account or subaccounts included in the applicant's annual report. (FERC Form No. 2, Pages 320 325). Show the percentage of increase of each year over the prior year.
 - c. A schedule of total company salaries and wages for the test year and each of the five calendar

years preceding the test year in the format as shown in Format 10c to this request.

- 11. The following tax data for the test year for total company and Kentucky:
 - a. Income taxes:
 - (1) Federal operating income taxes deferred accelerated tax depreciation
 - (2) Federal operating income taxes deferred other (explain)
 - (3) Federal income taxes operating
 - (4) Income credits resulting from prior deferrals of Federal income taxes
 - (5) Investment tax credit net
 - (i) Investment credit realized
 - (ii) Investment credit amortized Pre-Revenue Act of 1971
 - (iii) Investment credit amortized Revenue
 Act of 1971
 - (6) Provide the information in (1) through (4) for state income taxes
 - (7) Reconciliation of book to taxable income as shown in Format 11a (7) and a calculation of the book federal and state income tax expense for the test year using book taxable income as the starting point.
 - (8) A copy of federal and state income tax returns for the taxable year ended during

the test year including supporting schedules (three copies required)

- b. An analysis of Kentucky other operating taxes in the format as shown in Format 11b to this request.
- 12. A schedule of total company net income per MCF sold per company books for the test year and the five years preceding the test year. This data should be provided in the format as shown in Format 12 to this request.
- 13. The comparative operating statistics in Format 13 to this request.
- 14. A schedule of total company average gas plant in service per MCF sold by account per company books for the test year and the five calendar years preceding the test year. This data should be provided in the format as shown in Format 14 to this request.
- 15. A statement of gas plant in service per company books for the test year. This data should be presented in the format as shown in Format 15 to this request.
- 16. a. A detailed analysis of all charges booked during the test period for advertising expenditures.

 This analysis should include a complete breakdown of Account 913 Advertising Expenses, as shown in Format 16a attached and further should show any other advertising expenditures included in any other expense accounts. The analysis should be specific as to the purpose of the expenditure and the expected benefit to be derived.

- b. An analysis of Account 930 Miscellaneous General Expenses for the test period. This analysis should show a complete breakdown of this account as shown in attached Format 16b and further provide all detailed working papers supporting this analysis.

 As a minimum, the work papers should show the date, vendor, reference (i.e. voucher no., etc.), dollar amount and brief description of each expenditure, Detailed analysis is not required for amounts of less than \$500 provided the items are grouped by classes as shown in Format 16b attached.
- c. An analysis of Account 426 Other Income Deductions for the test period. This analysis should show a complete breakdown of this account as shown in attached Format 16c, and further provide all detailed working papers supporting this analysis. As a minimum the work papers should show the date, vendor, reference (i.e., voucher no., etc.), dollar amount and brief description of each expenditure. Detailed analysis is not required for amounts of less than \$500 provided the items are grouped by classes as shown in Format 16c attached.
- 17. A detailed analysis of contributions for charitable and political purposes (in cash or services), if any, recorded in accounts other than Account 426. This analysis should indicate the amount of the expenditure, the recipient of the contribution and the specific account charged.

- 18. A statement describing the applicant's lobbying activities and a schedule showing the name of the individual, his salary, and all company-paid or reimbursed expenses or allowances and the account charged for all personnel for whom a principal function is that of lobbying, whether it be lobbying on the local, state, or national level.
- 19. A schedule showing for the test year and the year preceding the test year with each year shown separately the following information regarding the applicant's investments in subsidiaries and joint ventures:
 - a. Name of subsidiary or joint venture
 - b. Date of initial investment
 - c. Amount and type of investment made for each of the two years included in this schedule.
 - d. Balance sheet and income statement for the test year and the year preceding the test year. Where only internal statements are prepared, furnish copies of these.
 - e. Show on separate schedule all dividends or income of any type received by applicant from its subsidiaries or joint ventures for each of the two years and indicate how this income is reflected in the reports filed with the Commission and the stockholder reports.

- f. Name of officers of each of the subsidiaries or joint ventures, officers' annual compensation, and portion of compensation charged to the subsidiary or joint venture. Also, indicate the position each officer holds with the applicant and the compensation received from the applicant.
- 20. Provide a detailed analysis of the retained earnings account for the test period and 12-month period immediately preceding the test period.
- 21. Provide the following with regard to uncollectible accounts for the test year and five preceding calendar years (taxable year acceptable) for total company:
 - a. Reserve account balance at the beginning of the year
 - b. Charges to reserve account (accounts charged off)
 - c. Credits to reserve account
 - d. Current year provision
 - e. Reserve account balance at the end of the year
 - f. Percent of provision to total revenue
- 22. A listing of nonutility property and property taxes and account where amounts are recorded.
- 23. Rates of return in Format 23 to this request.
- 24. Employee data in Format 24 to this request.
- 25. A calculation of the rate or rates used to capitalize interest during construction for the test year and the three preceding calendar years. Provide a narrative explanation of each component entering into the calculation of this rate.

- 26. The information as soon as it is known, which would have a material effect on net operating income, rate base, and cost of capital which occurred after the test year and was not incorporated in the filed testimony and exhibits.
- 27. A detailed monthly income statement for each month after the test period including the month in which the hearing ends, as they become available.
- 28. a. Capital structure at end of each calendar year for the previous ten years
 - b. Capital structure at end of the test period
 - (1) Class of capital
 - (2) Amount of each class (\$)
 - (3) Ratio of each class to total (9)
 - (4) Total capitalization (\$)
 - c. Capital structure at end of latest available quarter
 - d. Item 29.a, 28.b, and 28.c should include the following information:
 - (1) Class of capital
 - (2) Amount of each class (\$)
 - (3) Ratio of each class to total (%)
 - (4) Total capitalization (\$)
- 29. a. List all outstanding issues of long-term debt as end of the latest calendar year and at the end of the test period. This list should include the following information for each outstanding issue of long-term debt:
 - (1) Date of maturity
 - (2) Date of issue
 - (3) Amount outstanding (\$)

- (4) Coupon interest rate (%)
- (5) Cost rate at issue (%)
- (6) Cost rate to maturity (%)
- (7) Bond rating at time of issue (Moody's, Standard & Poor's, etc.)
- (8) Type of obligation
- b. Provide calculations of embedded cost of long-term debt at the end of each calendar year for the previous ten years. Also provide this calculation for the end of the test period.
- 30. a. List all outstanding issues of preferred stock as of end of the latest calendar year and at the end of the test period. This list should include the following information for each outstanding issue of preferred stock:
 - (1) Date of issue
 - (2) Amount sold (\$)
 - (3) Amount outstanding (\$)
 - (4) Dividend rate
 - (5) Convertibility features if any
 - (6) Cost rate at issue (%)
 - b. Provide calculations of embedded cost calculations of preferred stock at the end of each of the previous ten years. Also, provide this calculation for the end of the test period.
- 31. a. Provide a listing of all issues of common stock in the primary market during the most recent ten-year period.

 This list, provide the following information:
 - (1) Date of issue
 - (2) Number of shares issued
 - (3) Date of announcement and registration
 - (4) Price per share (net to company) (\$)

- (5) Book value per share at time of issue (\$)
- (6) Selling expenses as % of gross issue amount
- (7) Net proceeds to company
- (8) Price per above to the public
- c. Provide the following information on a quarterly and yearly basis for the most recent ten-year period available, through the latest available quarter. (Item 5) and (6) refer to yearly figures only.)
 - (1) Average number of shares of common outstanding
 - (2) Book value at end of quarter (year)
 - (3) Quarterly (yearly) earnings per share
 - (4) Declared quarterly (yearly) dividend rate per share
 - (5) Rate of return on average common equity
 - (6) Rate of return on year-end common equity
- d. Provide monthly market price figures for common stock for each month during the most recent ten-year period. Include the following:
 - (1) Monthly high price
 - (2) Monthly low price
 - (3) Monthly closing price
 - (4) Note all stock splits by date and type
- 32. a. Provide figures showing computation of fixed charge coverage ratio (SEC Method, PRETAX, including Short Term Debt payments) at the end of each of the ten most prior years.

33. A listing of present or proposed research efforts dealing with the pricing of gas and the current status of each efforts.

Done at Frankfort, Kentucky, this 22nd day of May, 1981.

PUBLIC SERVICE COMMISSION

Marlin h. Voh

Vice Chairman

Commissioner

ATTEST:

Case No. 8227

CALCULATION OF AVERAGE AND END-OF-PERIOD CAPITAL

12 Months Ended January 31, 1981

1	Line No.
Balance beginning of test year	Item (a)
	Total Capital (b)
	Long-Term Debt (c)
	Preferred Stock (d)
	Common Stock (e)
	Additional Paid in Capital (f)
	Retained Earnings (g)
	Total Company Equity (h)

- 2. 3. 4. 5. 6. 7. 7. 110. 111. 11th Month 12th Month 10th Month 6th 5th 2nd 4th Month 9th Month 8th Month 3rd Month 1st Month 7th Month Month Month Month
- Total (L1 through L13)

14.

- 15. Average balance (L14 + 13)
- 16. Average capitalization ratios
- 17. End-of-period capitalization ratios

NOTE: If applicable, provide an additional schedule in the above format excluding common equity in subsidiaries from the total company capital structure. Show the amount of common equity excluded. the total company capital structure.

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Western Kentucky Gas Company

Commonwealth of Kentucky

Case No. 8227

COMPARISON OF TEST YEAR ACCOUNT BALANCES WITH THOSE OF THE PRECEDING YEAR

Account Number Account Title and 1st Month 2nd Month Month 3rd Month 4th Month 5rh 6th Month 7th **M**onth 8th Month 9th Month 10th Month 11th Month 12th Month Total

Test Year Prior Year Decrease (Increase)

Case No. 8227

ANALYSIS OF SALARIES AND WAGES

And the 12-Month Period Ending January 31, 1981 For the Calendar Years 1976 Through 1980

(000's)

| 15 L L L |
|--|
| 5t
Amount
(b) |
| (5) 14 (1) |
| Amount (d) |
| Cale
th
% |
| 12 Mor
ndar Yes
3rd
Amount
(f) |
| (g) |
| ior to T
2nd
Amount
(h) |
| EST Y |
| lst
Amount
(j) |
| E 20 |
| Amount (1) |
| Test
Year
(m) |

Wages charged to expense:

(a)

Line No.

- 2. Production expenses
- ų Natural gas storage, terminaling and processing expenses
- 4. Transmission expenses
- Ş Distribution expenses
- 6. Customer accounts expenses
- 7. Customer service and informational expenses
- 8 Sales expenses
- Administrative and general expenses:

9

- (a) Administrative and
- € general salaries Office supplies and
- Administrative expense expense
- Outside services employed transferred-cr.
- Property insurance
- £ @ £ Injuries and damages



Item (a)

Administrative and general expenses (continued):

9.

- (8) Employee pensions and
- E Franchise requirements
- Ξ Regulatory commission expenses
- E expense Rents

EG

Miscellaneous general

Duplicate charges-cr.

- B plant Maintenance of general
- 10. expenses L9(a) through L9(m) Total administrative and general
- 11. expense (L2 through L8 + L10) Total salaries and wages charged
- 12. Wages capitalized
- 13. Total salaries and wages
- 14. expense to total wages (L11 : L13) Ratio of salaries and wages charged
- 13. Total salaries and wages
- 14. Ratio of salaries and wages charged expense to total wages (Ll1 : Ll3)
- 15. capitalized to total wages (L12 : L13) Ratio of salaries and wages
- Show percent increase of each year over the prior year in Columns (c), (e), (g), (i), (k), and (m).

12 Months Ended

Amount Amount <u>a</u> Calendar 45 <u>e</u> Years Prior to Test Year Amount (f) (8) $\frac{\text{Amount}}{\text{(h)}} \frac{x}{\text{(1)}}$ 2nd Amount (j) 1st <u>R</u> Amount (1) Test

RECONCILIATION OF BOOK NET INCOME AND FEDERAL TAXABLE INCOME

12 Months Ended January 31, 1981

| J | - | Line
No. | |
|-------------------|----------------------|---------------------------------|-------|
| Add income forces | Net income per books | Item (a) | |
| | | Total Company (b) | |
| | | Total Company Non-operating (c) | |
| | • | Kentucky Retail (d) | Opera |
| | , | Other Jurisdictions (e) | ting |

- w Add income taxes:
- Federal income tax Current
- . Ħ Federal income tax deferred -Depreciation
- ٠. ç Federal income tax deferred -
- Investment tax credit adjustment
- 7. E D other income and deductions Federal income taxes charged to
- State income taxes

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- State income taxes charged to other income and deductions
- Total
- 10. 11. 12. Flow through items:
- Add (itemize)
- 13. Deduct (itemize)
- Book taxable income
- 14. Difference between book taxable income and taxable income per tax return:
- 16. Add (itemize)
- 17. Deduct (itemize)
- 18 Taxable income per return
- NOTE: 29 29 Provide a calculation of the amounts shown on Lines 3 through 7 above.
- Provide work papers showing the calculation of straight-line tax depreciation and accelerated tax depreciation and all other work papers in support of the calculation of Federal income tax expense.
- 3 Provide a schedule setting forth the basis of allocation of each item of revenue or cost allocated above.

RECONCILIATION OF BOOK NET INCOME AND STATE TAXABLE INCOME Case No. 8227

12 Months Ended January 31, 1981

| ယ | 2. | | | No. | - | | |
|-------------------------------|-------------------|----------------------|-----|-------------|----------------|---------|-------|
| A. Federal income tax-Current | Add income taxes: | Net income per books | (a) | Item | | | |
| | | | | (b) | Company | Total | |
| | | | | (c) | Non-One rating | Company | Total |
| | | | | | Rotat 1 | | Oper- |
| | | | ** | Sucreations | Tend and and | Other | eting |

3

Federal income tax deferred-Depreciation

? Federal income tax deferred-

Other

7. Investment tax credit adjustment

[-7 Federal income taxes charged to other income and deductions

State income taxes

9 8

State income taxes charged to other income and deductions

11. 10. Flow through items:

12. Add (itemize)

٦. Deduct (iremize)

7.5 Differences between book taxable income Book taxable income

and taxable income per tax return:

6. Add (itemize)

Deduct (itemize)

œ Taxable income per return

OTE: 2 2 2 Provide a calculation of the amount shown on Lines 8 through 9 above.

Provide work papers showing the calculation of straight-line tax depreciation and accelerated tax depreciation and all other work papers in support of the calculation of Federal income tax expense.

Provide a schedule setting forth the basis of allocation of each item of revenue or cost allocated above.

Case No. 8227

ANALYSIS OF OTHER OPERATING TAXES

12 Months Ended January 31, 1981

(000's)

No. Item
(a)

1. Kentucky Retail:

Charged Expense (b)

Charged to Construction (c)

Other Accounts
(d)

Amount Accrued

Amount Paid (f)

(a) Franchise Fees

(b) Ad Valorem

(c) Payroll (Employers Portion)

(d) Other Taxes

2. Total Kentucky Retail (L1(a) through L1(e)

3. Other Jurisdictions

Total Per Books (L2 and L3)

I <u>|</u>

Explain items in this column.

Commonwealth of Kentucky

Case No. 8227

NET INCOME PER MCF SOLD (TOTAL COMPANY)

| | 12 Mc | nths | Fuged | 1 | |
|-----|-------|-------|-------|-----|------|
| | Calen | dar Y | ears | | Test |
| Pr | ior t | o Tes | t Yea | r | Year |
| 5th | 4th | 3rd | 2nd | lst | |
| (b) | (c) | (d) | (e) | (f) | (g) |

(a) No. 1. Operating Income Operating Revenues 2. 3. Operating Expenses 4. Operating Expenses 5. Maintenance Expenses Depreciation Expense 6. Amortization and Depletion of Utility Plant 7. Amortization of Utility Plant 8. Acquisition Adjustment Amortization of Property Losses 9. Amortization of Conversion Expenses 10. Taxes Other Than Income Taxes 11. Income Taxes - Federal 12. Income Taxes - State 13. Income Taxes - Other 14. Provision for Deferred Income Taxes 15. 16. Investment Tax Credit Amortization of Investment Tax Credit 17. 18. Total Operating Expenses 19. Net Operating Income 20. Other Income - Net 21. Mdse. Job and Contract Works 22. LP Gas Operating 23. Nonoperating Rental Income 24. Interest and Dividend Income 25. Allowance for Funds Used During Construction 26. Miscellaneous Nonoperating Income Total Other Income 27. Total Income 28. Miscellaneous Income Deductions 29. Income Before Interest Charges Interest Charges 30. 31. Interest on Long-Term Debt 32. Amortization of Debt Discount and Expense 33. Amortization of Premium on Debt-Credit 34. Other Interest Expense 35. Total Interest Charges 36. Net Income 37.

Item

Line

Western Kentucky Gas Company Commonwealth of Kentucky Case No. 8227

For the Calendar Years 1976 Through 1980 and the 12-Month Period Ended January 31, 1981 (Total Company)

 $\frac{\text{Cost Inc.}}{\text{(b)}} \frac{\text{Cost Inc.}}{\text{(c)}} \frac{\text{Cost Inc.}}{\text{(d)}} \frac{\text{Cost Inc.}}{\text{(e)}} \frac{\text{Cost Inc.}}{\text{(f)}} \frac{\text{Cost Inc.}}{\text{(g)}} \frac{\text{Inc.}}{\text{(h)}} \frac{\text{Inc.}}{\text{(1)}}$ Calendar Years Prior to Test Year 3rd 12 Months Ended 2nd 18t Cost Inc. (1) Inc. Test Year

Line No.

- 2. Cost Per MCF of Purchased Gas
- Cost of Propane Gas Per MCF Equivalent for Peak Shaving
- Cost Per MCF of Gas Sold
- Maintenance Cost Per Transmission Mile
- Maintenance Cost Per Distribution Mile
- 6. Sales Promotion Expense Per Customer
- Administrative and General Expense Per Customer
- Per Average Employee

Wages and Salaries - Charged Expense:

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10. 9. Depreciation Expense: Per \$100 of Average Gross Depreciable Plant in Service

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- 11. Rents:
- 12 Per \$100 of Average Gross Plant in Service
- 13. Property Taxes:
- 14. Per \$100 of Average Net Plant in
- 15. Payroll Taxes: Service
- 16. Per Average Employee Whose Salary is
- Charged to Expense
- 17. Interest Expense: Per \$100 of Average Debt Outstanding
- 19. Per \$100 of Average Plant Investment
- Per MCF Sold

Case No. 8227

AVERAGE GAS PLANT IN SERVICE BY ACCOUNT PER MCF

For the Calendar Years 1976 Through 1980 and the 12 Month Ended January 31, 1981

(Total Company)

Test Year (g)

|) | 338 | 337 | 336 | 335 | 334 | 333 | 332 | 331 | 330 | 329 | 328 | 327 | 326 | 325.5 | 325.4 | 325.3 | 325.2 | 325.1 | | | | 303 | 302 | 301 | | | Number | Account | |
|--------------------------------------|---|-----------------|------------------------|---------------------------------|-------------------------------------|------------------------------------|-------------|------------------------------------|---------------------------------------|------------------|--------------------------------------|-------------------------------------|---------------------|----------------------------|---------------|------------|----------------------|-----------------|--|------------------|------------------------|--------------------------------|-------------------------|--------------|------------------|-----|---------------------|-----------------------------------|-----------------|
| Total Production and Gathering Plant | Unsuccessful Exploration and Devel. Costs | Other Equipment | Purification Equipment | Drilling and Cleaning Equipment | Field Meas, and Reg. Sta. Equipment | Field Compressor Station Equipment | Field Lines | Producing Gas Wells-Well Equipment | Producing Gas Wells-Well Construction | Other Structures | Field Meas. and Reg. Sta. Structures | Field Compressor Station Structures | Gas Well Structures | Other Land and Land Rights | Rights-of-Way | Gas Rights | Producing Leaseholds | Producing Lands | Natural Gas Production and Gathering Plant | Production Plant | Total Intangible Plant | Miscellaneous Intangible Plant | Franchises and Consents | Organization | Intangible Plant | (a) | Title of Accounts | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | _ | 5th 4th 3rd 2nd 1st | Calendar Years Prior to Test Year | 12 Months Ended |

Commonwealth of Kentucky

Case No. 8227

AVERAGE GAS PLANT IN SERVICE BY ACCOUNT PER MCF

For the Calendar Years 1976 Through 1980 and the 12 Month Ended January 31, 1981

| | Ĭ | 355 | 354 | 353 | 352.3 | 352.2 | 352.1 | 352 | 351 | 350.2 | 350.1 | | | | * | | | 347 | 346 | 345 | 344 | 343 | 342 | 341 | 340 | | | Number | Account | |
|---|------------------------|------------------------------|------------------------------|-------|-----------------------------|------------|-------------------------------|-------|-----------------------------|---------------|-------|---------------------------|--|------------------------|--|---------------------------------|---------------------------------|-----------------|------------------------------|----------------------|--------------------------------------|------------|-----------------------------------|-----------------------------|----------------------|---------------------------|------------------|-------------------|----------------------|-----------|
| Other Equipment Total Underground Storage Plant | Purification Equipment | Measuring and Reg. Equipment | Compressor Station Equipment | Lines | Non-Recoverable Natural Gas | Reservoirs | Storage Leaseholds and Rights | Wells | Structures and Improvements | Rights-of-Way | Land | Underground Storage Plant | Natural Gas Storage and Processing Plant | Total Production Plant | Mfd. Gas Prod. Plant (Submit Suppl. Statement) | Total Nat. Gas Production Plant | Total Products Extraction Plant | Other Equipment | Gas Meas. and Reg. Equipment | Compressor Equipment | Extracted Products Storage Equipment | Pipe Lines | Extraction and Refining Equipment | Structures and Improvements | Land and Land Rights | Products Extraction Plant | (a) | Title of Accounts | | |
| | | | | | | | | | | | | | | | C | | | | | | | | | | | | ভ | 5th | Calend | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | ତା | 4th | Calendar Years Prior | • |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | <u>a</u> | 3rd | ars Pr | 12 Months |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | <u>e</u> | 2nd | ior to | nthe H |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | (f) | lst | to Test Year | hahr |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | @ | Year | Test | |

Case No. 8227

AVERAGE GAS PLANT IN SERVICE BY ACCOUNT PER MCF

For the Calendar Years 1976 Through 1980 and the 12 Month Ended January 31, 1981

| 365.1 | 364. 7
364. 8 | 364.5
364.6 | 364.4 | 364.2
364.3 | 364.1 | | 363.5 | 363.4 | 363.2
363.3 | 363.1 | 36 3 | 362 | 361 | 360 | Number | Account | |
|---|---|---|-----------------------------|--|----------------------|--|-----------------|--------------------------|--|------------------------|------------------------|-------------|-----------------------------|--|--|-----------------------------------|-----------------|
| Total Base Load Liquefied Natural Gas, Termaling, and Processing Plant Total Nat. Gas Storage and Proc. Plant Transmission Plant Land and Land Rights Rights-of-Way Structures and Improvements Mains | Communications Equipment
Other Equipment | Measuring and Regulating Equipment Compressor Station Equipment | LNG Transporation Equipment | Structures and improvements LNG Processing Terminal Equipment | Land and Land Rights | Total Other Storage Plant Base Load Liquefied Natural Gas, Terminaling | Other Equipment | Meas. and Reg. Equipment | Vaporizing Equipment
Compressor Equipment | Liquefaction Equipment | Purification Equipment | Gas Holders | Structures and Improvements | Other Storage Plant Land and Land Rights | $\frac{\text{once}}{\text{ord}} = \frac{2\text{in}}{\text{ord}} = 2$ | Calendar Years Prior to Test Year | 12 Months Ended |
| | | | | | | | | | | | | | | | (8) | est | |





Case No. 8227

AVERAGE GAS PLANT IN SERVICE BY ACCOUNT PER MCF

For the Calendar Years 1976 Through 1980 and the 12 Month Ended January 31, 1981

| | | 392 | 391 | 390 | 389 | | , | 38/ | 386 | 385 | 384 | 383 | 382 | 381 | 380 | 379 | 378 | 377 | 3/6 | 3/5 | 374 | | | 371 | 370 | 369 | 368 | 1 | Number | Account | |
|----------------------------------|------------------|-------------------------|--------------------------------|-----------------------------|----------------------|---------------|--------------------------|-----------------|------------------------------------|--|--------------------------|------------------|---------------------|--------|----------|------------------------------------|----------------------------------|------------------------------|-------|-----------------------------|----------------------|--------------------|--------------------------|-----------------|-------------------------|-----------------------------------|------------------------------|-------|-----------------------------------|---------|---|
| Tools, Shop and Garage Equipment | Stores Equipment | Transporation Equipment | Office Furniture and Equipment | Structures and Improvements | Land and Land Rights | General Plant | Total Distribution Plant | Other Equipment | Other Prop. on Customer's Premises | Industrial Meas. and Reg. Sta. Equipment | House Reg. Installations | House Regulators | Meter Installations | Meters | Services | Meas. and Reg. Sta. EquipCity Gate | Meas. and Reg. Sta. EquipGeneral | Compressor Station Equipment | Mains | Structures and Improvements | Land and Land Rights | Distribution Plant | Total Transmission Plant | Other Equipment | Communication Equipment | Measuring and Reg. Sta. Equipment | Compressor Station Equipment | | Title of Accounts | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | | Calen | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | | dar Ye | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | (2) | | ars Pr | 12 Mc | • |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | (6) | | Calendar Years Prior to Test Year | nths E | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | (1) | SIST. | Test | nded | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | 8 | rear | Test | | |



Case No. 8227

AVERAGE GAS PLANT IN SERVICE BY ACCOUNT PER MCF

For the Calendar Years 1976 Through 1980 and the 12 Month Ended January 31, 1981

| 102
102
103 | 399 | 396
397
398 | 395 | Account |
|--|--|--|---|-------------------------------|
| Total (Accounts 101 and 106) Gas Plant Purchased Gas Plant Sold Experimental Gas Plant Unclassified Total Gas Plant In Service | Subtotal Other Tangible Property Total General Plant | Power Operated Equipment Communication Equipment Miscellaneous Equipment | (a) (b) Laboratory Equipment | (To |
| | | | ()
() | (Total Company) Calendar Yea |
| | | |) h
(a) 3r | iny)
12
Years |
| | | | 2nd
(e) | Months |
| | | | $\frac{5\text{th}}{(\text{b})} \frac{4\text{th}}{(\text{c})} \frac{3\text{rd}}{(\text{d})} \frac{2\text{nd}}{(\text{e})} \frac{1\text{st}}{(\text{f})} \qquad \frac{\text{Year}}{(\text{g})}$ | 12 Months Ended |
| | | | | Year |
| | | | Year
(g) | Test |

Case No. 8227

STATEMENT OF GAS PLANT IN SERVICE

12 Months Ended January 31, 1981

| 338
8 | 337 | 336 | 335 | 334 | 333 | 332 | 331 | 330 | 329 | 328 | 327 | 326 | 325.5 | 325.4 | 325 . 3 | 325.2 | 325.1 | | | | 303 | 302 | 301 | | | Account |
|--|-----------------|------------------------|---------------------------------|-------------------------------------|------------------------------------|-------------|------------------------------------|---------------------------------------|------------------|--------------------------------------|-------------------------------------|---------------------|----------------------------|---------------|----------------|----------------------|-----------------|--|------------------|------------------------|--------------------------------|-------------------------|--------------|------------------|-----|-------------------------------|
| Unsuccessful exploration and dathering Plant | Other Equipment | Purification Equipment | Drilling and Cleaning Equipment | Field Meas. and Reg. Sta. Equipment | Field Compressor Station Equipment | Field Lines | Producing Gas Wells-Well Equipment | Producing Gas Wells-Well Construction | Other Structures | Field Meas, and Reg. Sta. Structures | Field Compressor Station Structures | Gas Well Structures | Other Land and Land Rights | Rights-of-Way | Gas Rights | Producing Leaseholds | Producing Lands | Natural Gas Production and Gathering Plant | Production Plant | Total Intangible Plant | Miscellaneous Intangible Plant | Franchises and Consents | Organization | Intangible Plant | | Beg. |
| 14 | 5 | | | | | | | | | | | | | | | | | lant | | | | | | | (b) | Beginn i ng
Balance |
| | | | | | | | | | | | | | | | | | | - | | | | | | | (c) | Additions |
| | | | | | | | | | | | | | | | | | | | | | | | | | (d) | Retirements |
| | | | | | | | | | | | | | | | | | | | | | | | | | (e) | Transfers |
| | | | | | | | | | | | | | | | | | | | | | | | | | (1) | Ending
Balance |

Commonwealth of Kentucky

Case No. 8227

STATEMENT OF GAS PLANT IN SERVICE

12 Months Ended January 31, 1981

(Total Company)

| 352.1
352.2
352.3
354
355
355 | 350.1
350.2
351
352 | 343
343
345
345
347 | Account Number 340 341 |
|---|---|---|--|
| Storage Leaseholds and Rights Reservoirs Non-Recoverable Natural Gas Lines Compressor Station Equipment Measuring and Reg. Equipment Purification Equipment Other Equipment Total Underground Storage Plant | Natural Gas Storage and Processing Plant Underground Storage Plant Land Rights-of-Way Structures and Improvements Wells | Pipe Lines Pipe Lines Extracted Products Storage Equipment Compressor Equipment Gas Meas, and Reg. Equipment Other Equipment Total Products Extraction Plant Total Nat. Gas Production Plant Mfd. Gas Prod. Plant (Submit Suppl. Statement) | Title of Accounts (a) Products Extraction Plant Land and Land Rights Structures and Improvements Extraction and Refining Equipment |
| |) (1 | Statement) | Additions
(c) |
| | | | Retirements (d) |
| | | | Transfers
(e) |
| | | | Ending
Balance
(f) |

Sheet 2 of 5

Case No. 8227

STATEMENT OF GAS PLANT IN SERVICE

12 Months Ended January 31, 1981

| 365.1 | 364.6
364.7
364.8 | 364.2
364.3
364.4
364.5 | 364.1 | 363.2
363.4
363.5 | 360
361
362
363
363 | Account
Number |
|---|---|--|--|--|--|---|
| Total Base Load Liquefied Natural Gas, Termaling, and Processing Plant Total Nat. Gas Storage and Proc. Plant Transmission Plant Land and Land Rights Rights-of-Way Structures and Improvements Mains | Compressor Station Equipment Communications Equipment Other Equipment | Structures and Improvements LNG Processing Terminal Equipment LNG Transporation Equipment Measuring and Regulating Equipment | Total Other Storage Plant Base Load Liquefied Natural Gas, Terminaling and Processing Plant Land and Land Rights | Vaporizing Equipment Compressor Equipment Meas. and Reg. Equipment Other Equipment | Other Storage Plant Land and Land Rights Structures and Improvements Gas Holders Purification Equipment Liquefaction Equipment | Title of Accounts (a) Beginning Balance Additions (b) (c) |
| | | | | | | Retirements (d) |
| | | | | | | Transfers
(e) |
| | | | | | | Ending Balance (f) |

Case No. 8227

STATEMENT OF GAS PLANT IN SERVICE

12 Months Ended January 31, 1981

| | | , 72 | , p., | 0 | 3 9 | | | 87 | ê 86 | 85 | 184 |)83 | 382 | 381 | 380 | 379 | 378 | 377 | 376 | 375 | 374 | | | 371 | 370 | 369 | 368 | | Account |
|----------------------------------|------------------|-------------------------|--------------------------------|-----------------------------|----------------------|---------------|--------------------------|-----------------|------------------------------------|--|--------------------------|------------------|---------------------|--------|----------|-------------------------------------|----------------------------------|------------------------------|-------|-----------------------------|----------------------|--------------------|--------------------------|-----------------|-------------------------|-----------------------------------|----------------|---------|-------------------------------------|
| Tools, Shop and Garage Equipment | Stores Equipment | Transporation Equipment | Office Furniture and Equipment | Structures and Improvements | Land and Land Rights | General Plant | Total Distribution Plant | Other Equipment | Other Prop. on Customer's Premises | Industrial Meas. and Reg. Sta. Equipment | House Reg. Installations | House Regulators | Meter Installations | Meters | Services | Meas. and Reg. Sta. Equip City Gate | Meas. and Reg. Sta. EquipGeneral | Compressor Station Equipment | Mains | Structures and Improvements | Land and Land Rights | Distribution Plant | Total Transmission Plant | Other Equipment | Communication Equipment | Measuring and Reg. Sta. Equipment | tion Equipment | (a) (b) | Beginning Title of Accounts Balance |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | (c) | Additions |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | (5) | (P) | Retirements |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | (e) | (9) | Transfer |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | (1) | (f) | Ending |

Case No. 8227

STATEMENT OF GAS PLANT IN SERVICE

12 Months Ended January 31, 1981

| 103 | 102 | 102 | | | 399 | | 398 | 397 | 396 | 395 | | Number | Account |
|--|----------------|---------------------|------------------------------|---------------------|-------------------------|----------|-------------------------|-------------------------|--------------------------|----------------------|-----|-------------------|-----------|
| Experimental Gas Plant Unclassified Total Gas Plant In Service | Gas Plant Sold | Gas Plant Purchased | Total (Accounts 101 and 106) | Total General Plant | Other Tangible Property | Subtotal | Miscellaneous Equipment | Communication Equipment | Power Operated Equipment | Laboratory Equipment | (a) | Title of Accounts | |
| ssified | | • | 1 106) | | | | | | | | (b) | Balance | Beginning |
| | | | | | | | | | | | (c) | Additions | |
| | | | | | | | | | | | (d) | Retirements | |
| | | | | | | | | | | | (e) | Transfers | , |
| | | | | | | | | | | | (T) | Balance | Ending |

Commonwealth of Kentucky

Case No. 8227

ACCOUNT 913 - ADVERTISING

For the 12 Months Ended January 31, 1981

| Line | | Sales | Institutional | Conservation | Rate | |
|------|------|-------------|---------------|--------------|------|-------|
| No. | Item | Advertising | Advertising | Advertising | Case | Total |
| | (a) | (b) | (c) | (b) | (e) | (f) |

- 1. Newspaper
- 2. Magazines and Other
- 3. Television
- 4. Radio
- 5. Direct Mail
- 6. Sales Aids
- 7. Total
- 8. Amount Assigned to Kentucky

Case Number 8227

ACCOUNT 930 - MISCELLANEOUS EXPENSES

For the 12 Months Ended January 31, 1981

| Line
No. | <u>Item</u> (a) | Amount (b) |
|-------------|---|------------|
| 1. | Industry Association Dues | |
| 2. | Stockholder and Debt Servicing Expenses | |

- 3. Institutional Advertising
- 4. Conservation Advertising
- 5. Rate Department Load Studies
- 6. Director's Fees and Expenses
- 7. Dues and Subscriptions
- 8. Miscellaneous
- 9. Total
- 10. Amount Assigned to Kentucky

Case Number 8227

ACCOUNT 426 - MISCELLANEOUS INCOME DEDUCTIONS

For the 12 Months Ended January 31, 1981

(Total Company)

Line No.

Item (a)

Amount (b)

- 1. Donations
- 2. Civic Activities
- 3. Political Activities
- 4. Other
- 5. Total
- 6. Amount Assigned to Kentucky



Case No. 8227

AVERAGE RATES OF RETURN

For the Calendar Years 1976 Through 1980 and the 12 Month Ended January 31, 1981

| Line
No. | Calendar Years Prior to Test Year (a) | Total
Company
(b) | Ky. Retail (c) | Other
Retail
Jurisdictions
(d) | FERC
Wholesale
(e) |
|-------------|---------------------------------------|-------------------------|----------------|---|--------------------------|
| 1. | Original Cost Net Investmen | nt: | | | |
| 2. | 5th Year | | | | |
| 3. | 4th Year | | | | |
| 4. | 3rd Year | | | | |
| 5. | 2nd Year | | | | |
| 6. | 1st Year | | | | |
| 7. | Test Year | | | | |
| 8. | Original Cost Common Equity | y: | | | |
| 9. | 5th Year | | | | |
| 10. | 4th Year | | | | . • |
| 11. | 3rd Year | | | | |
| 12. | 2nd Year | | | | |
| 13. | lst Year | | | | |
| 14. | Test Year | | | | |

NOTE: Provide work papers in support of the above calculations.

The second secon

SCHEDULE OF NUMBER OF EMPLOYEES, HOURS PER EMPLOYEE, AND AVERAGE WAGES PER EMPLOYEE (Continued)

| % Change | 5th Year | Prior to Test Year (A) |
|----------|----------|--|
| | | Customer Service
and Informational
No. Hrs. Wages
(Q) (R) (S) |
| | | Sales
No. Hrs. Wages
(T) (U) (V) |
| | | Administrative and General No. Hrs. Wages (W) (X) (Y) |
| | • | Construction No. Hrs. Wages (Z) (AA) (BB) |
| | | No. Hrs. Wages (CC) (DD) (EE) |

4th Year

3rd Year

% Change

2nd Year

% Change

1st Year

% Change

Test Year

% Change

% Change NOTE: (1) Where an employee's wages are charged to more than one function include employee in function receiving

(2) Show percent increase (decrease) of each year over the prior year on lines designated above "% Change." (3) Employees, weekly hours per employee, and weekly wages per employee for the week including December 31 Employees, weekly hours per employee, and weekly wages per employee for the week including December 31 of each year and the last day of the test year.

7

Case No. 8227



Calendar Years

SCHEDULE OF NUMBER OF EMPLOYEES, HOURS PER EMPLOYEE, AND AVERAGE WAGES

PER EMPLOYEE

5th Year Test Year Prior to \mathfrak{S} No. Hrs. Wages (B) (C) (D) Production No. Hrs. Wages

(E) (F) (G) Natural Gas Storage, F)Hrs. Wages (G) Transmigsion
No. Hrs. Wages
(H) (I) (J) Ξ E No. Hrs. Wages (M) 3 No. Hrs. Wage Hrs.

4th Year % Change

% Change

3rd Year

% Change

2nd Year

% Change

1st Year % Change

Test Year

% Change

NOTE: (1) Where an employee's wages are charged to more than one function include employee in function receiving largest portion of total wages.

 Show percent increase (decrease) of each year over the prior year on lines designated above "%Change."
 Employees, weekly hours per employee, and weekly wages per employee for the week including December 31 Employees, weekly hours per employee, and weekly wages per employee for the week including December 31 of each year and the last day of the test year.